

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A self-polishing antifouling ~~or boat-bottom~~ paint comprising a binder and a biologically active substance, wherein said biologically active substance is ~~chosen to be~~ decomposable upon contact with in the presence of water and consumes to consume oxygen during its decomposition process so as to generate an oxygen-lean aqueous environment in the ~~water-exposed paint layer~~ upon said contact with said water , said biologically active substance being present as a powdered material, said material selected from the group consisting of a vegetable material such as soy flour, fishmeal, egg powder, ground sea kelp, and combinations thereof, wherein the powdered biologically active substance is dispersed in the paint binder and wherein said paint is substantially free of metal compounds used for controlling at least one of the tendency and the ability of marine creatures to fasten to a surface of the paint .

2. (Currently Amended) A self-polishing antifouling paint according to Claim 1, further comprising a photosynthesis inhibitor for limiting the growth of algae on a [[the]] surface of [[the]] said paint.

3. (Cancelled) A self-polishing antifouling paint according to Claim 1, wherein the biologically active substance includes a material of biological origination.

4. (Cancelled) A self-polishing antifouling paint according to Claim 3, wherein the biologically active substance includes a protein-rich material.

5. (Cancelled) A self-polishing antifouling paint according to Claim 1, wherein the biologically active substance is a powdered substance which is distributed uniformly in the paint composition.

6. (Currently Amended) A self-polishing antifouling paint according to Claim 1 ~~[[5]]~~, wherein the powder has a particle size between 0.1 mm and 0.001 mm.

7. (Cancelled) A self-polishing antifouling paint according to Claim 5, wherein the biologically active substance is soy flour.